

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for handling microparticles (22), ~~where the microparticles (22) are used as the solid phase to~~ that bind the a desired component from ~~the a sample, such as various biomolecules, Nucleic Acid, protein, peptide, cell organelles, bacteria, cells or viruses, characterised in, that~~ comprising:

(a)[[-]] at least two treatment steps of the microparticles (22), wherein the at least two treatment steps or magnetic particles, such as ferromagnetic, paramagnetic or superparamagnetic particles are performed in the samea vessel (26) without moving the microparticles to another vessel, and wherein the microparticles (22) are magnetic particles selected from the group consisting of: ferromagnetic particles, paramagnetic particles, and superparamagnetic particles; and

(b)[[-]] which the at least two treatment steps are comprise at least one change of solutions (23) and at least one mixing,

wherein the desired component is a biomolecule selected from the group consisting of: a nucleic acid, a protein, a peptide, a cell organelle, a bacterium, a cell, and a virus.

2. (Currently Amended) The method of A method according to claim 1, ~~characterised in, that~~wherein:

(a) the [[-]] microparticles (22), such as magnetic particles are treated by a magnetic tool (10) equipped with an elastomer shield (21);

(b)[[-]] in the vessel (26), the microparticles (22) are collected and bound on the elastomer shield (21) of the magnetic tool (10) during the change of solutions (23); and

(c)[[-]] the microparticles (22) are mixed in the vessel (26) by ~~means of a tool,~~
~~such as the magnetic tool (10), so that~~wherein the elastomer ~~protective membranes~~shield (21) of
the magnetic tool (10) is moved in ~~the a~~ solution (23).

3. (Currently Amended) The method of A method according to claim 1,
~~characterised in, that~~wherein:

(a)[[-]] during the change of solutions (23), the microparticles (22) are bound to
the inner surface of the vessel (26) by ~~means of~~ an external magnet (13);

(b)[[-]] the microparticles (22) are ~~homogenised~~ homogenized from the inner
surface of the vessel (26) to ~~the a~~ solution (23) by ~~means of~~ a magnet (13) of ~~the a~~ magnetic tool
(10), wherein the magnetic tool is equipped with an elastomer or a non-elastomer shield (21) or
coating; and

(c)[[-]] the microparticles (22) are transferred out ~~from of~~ the vessel (26) to
another vessel (26) by ~~means of~~ the magnetic tool (10).

4. (Currently Amended) The method of A method according to claim 1,
~~characterised in, that~~wherein:

(a)[[-]] the microparticles (22) are bound on ~~the a~~ surface of an elastomer or a
non-elastomer shield (21) ~~a shield (21)~~ of a magnetic tool (10) ~~equipped with an elastomer or a~~
~~non-elastomer shield (21), or~~

~~the microparticles (22) are bound on the inner surface of a the vessel (26) by~~
~~means of~~ an external magnet (13) during ~~the a~~ whole procedure; and

(b)[[-]] ~~and the~~ washing solutions (23) are changed in the ~~same~~ vessel (26) or in
separate vessels.

5. (Currently Amended) The method of A method according to claim 1,
~~characterised in, that~~wherein in the vessel (26), the solution or the solution, ~~which that~~ contains
~~magnetic particles or other~~ the microparticles (22) is mixed by ~~means of~~ a magnetic tool (10),

~~such as magnetic tool (10) so that in the solution (23) wherein the~~ an elastomeric membrane or bellows covering the magnetic tool is being stretched and released in the solution (23).

6. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~ wherein:

(a) ~~[[-]]~~ the vessel (26) is closed while mixing the solution (23); and;

(b) ~~[[-]]~~ in the vessel (26), the solution (23) or the solution, ~~which that~~ contains ~~magnetic particles or other~~ the microparticles (22) is mixed by ~~means of a~~ magnetic tool, ~~such as magnetic tool (10), so that in the solution wherein the~~ an elastomer membrane or bellows covering the magnetic tool ~~the~~ is being stretched and released in the solution (23).

7. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~ wherein:

(a) ~~[[-]]~~ in ~~the a~~ solution (23), the microparticles (22) are bound on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13);

(b) ~~[[-]]~~ the microparticles (22) are ~~homogenised~~ homogenized ~~to in~~ the solution (23) ~~so that they are~~ and mixed by ~~means of a~~ magnetic tool by stretching and releasing elastomer membrane or bellows covering the magnetic tool;

(c) ~~[[-]]~~ ~~the~~ washing solutions (23) are changed in the ~~same~~ vessel (26) or in separate vessels (26); and;

(d) ~~[[-]]~~ the microparticles (22) are transferred out ~~from of~~ the vessel (26) to another vessel by ~~means of~~ the magnetic tool (10).

8. (Currently Amended) The method of ~~A method according to~~ claim 1, ~~characterised in, that~~ wherein:

(a) ~~[[-]]~~ in ~~the a~~ solution (23) the microparticles (22) are collected on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13) having a ferromagnetic sleeve (12); and;

(b) ~~[[-]]~~ the microparticles (22) are bound on the inner surface of the vessel (26) during the change of solutions (23).

9. (Currently Amended) The method of A method according to claim 1, characterised in, that wherein:

(a) ~~[[-]]~~ the microparticles (22) are collected on the inner surface of the vessel (26) by ~~means of~~ an external magnet (13) having a ferromagnetic sleeve (12);

(b) ~~[[-]]~~ the microparticles (22) are bound on the inner surface of the vessel (26) during the change of solutions (23);

(c) ~~[[-]]~~ the vessel (26) is closed by ~~means of~~ a protective membrane made of elastomeric material;

(d) the microparticles (22) are ~~homogenised~~ homogenized to in the a solution (23) ~~and so that they are~~ mixed by ~~means of~~ an elastomer membrane, a magnetic tool (10) or a pipette; and;

(e) ~~[[-]]~~ the microparticles (22) are transferred out ~~from of~~ the vessel (26) by ~~means of~~ the magnetic tool (10).

10. (Currently Amended) The method of A method according to claim 1, characterised in, that wherein:

(a) ~~[[-]]~~ the microparticles (22) are collected on a filter (77) on the bottom of the vessel (26), so that wherein at least a part of ~~the a~~ solution (23) is removed through the filter;

(b) ~~[[-]]~~ the solution (23) is conducted through the filter (77) and the microparticles (22) on the filter;

(c) ~~[[-]]~~ the microparticles (22) are collected on ~~the a~~ shield (21) of ~~the a~~ magnetic tool (10) and transferred out ~~from of~~ the vessel (26).

11-21. (Cancelled)